

Data File : VN061205.D
Acq On : 30 Apr 2020 16:42
Operator : JC/MD
Sample : L2458-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S73-0243

Quant Time: May 01 02:18:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	118228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	208482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	198762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88116	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	89643	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.55	113	61701	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.06	98	259459	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.38	95	96686	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

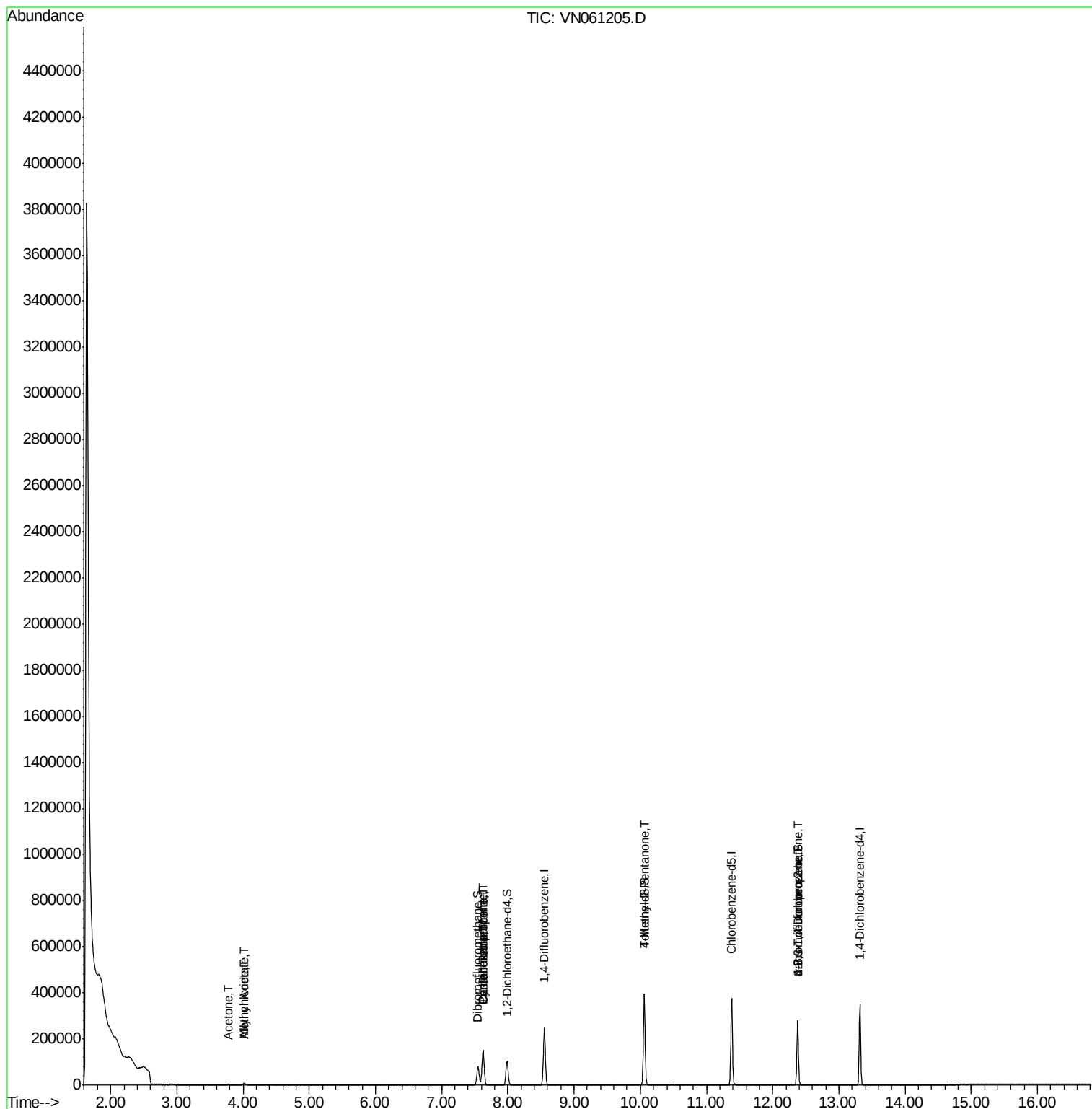
Target Compounds				Qvalue		
14) Allyl chloride	4.02	41	1050	0.454	ug/l #	76
16) Acetone	3.78	43	4722	1.025	ug/l	91
18) Methyl Acetate	4.02	43	3434	2.114	ug/l #	55
31) Cyclohexane	7.63	56	3227	1.186	ug/l #	22
36) 1,1-Dichloropropene	7.63	75	10488	5.025	ug/l #	49
38) Carbon Tetrachloride	7.63	117	12312	8.457	ug/l #	18
51) 4-Methyl-2-Pentanone	10.06	43	1415	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	51906	27.941	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	51906	70.955	ug/l #	8

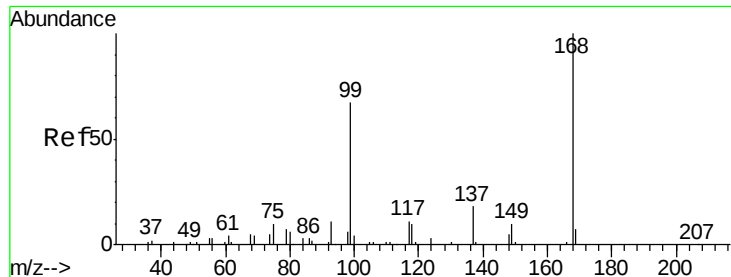
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061205.D

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Instrument :

MSVOA_N

ClientSampleId :

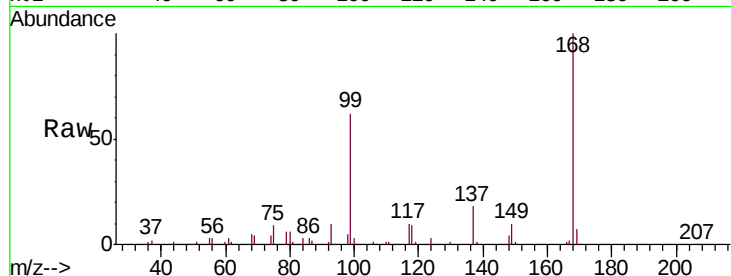
S73-0243

Tgt Ion:168 Resp: 118228

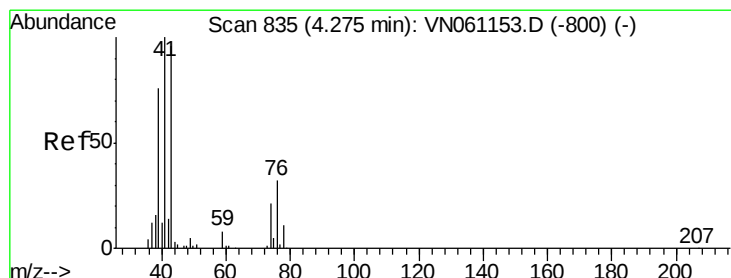
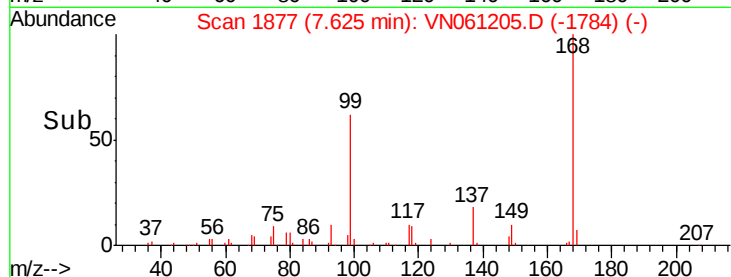
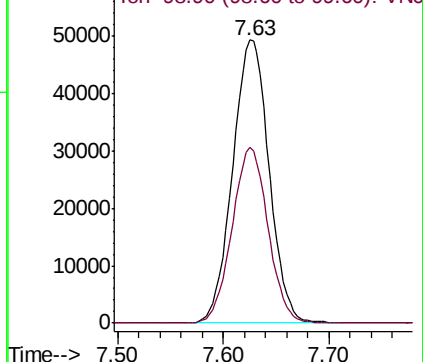
Ion Ratio Lower Upper

168 100

99 62.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061205.D (-1784) (-)



#14

Allyl chloride

Concen: 0.454 ug/l

RT: 4.02 min Scan# 757

Delta R.T. -0.25 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

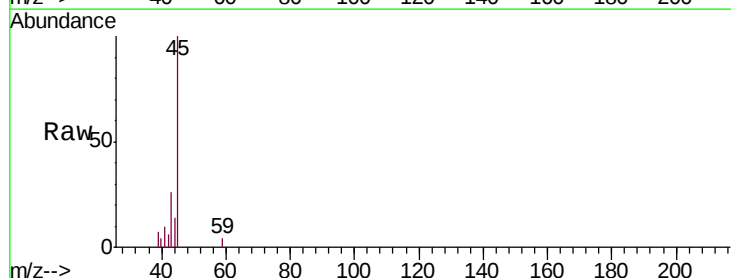
Tgt Ion: 41 Resp: 1050

Ion Ratio Lower Upper

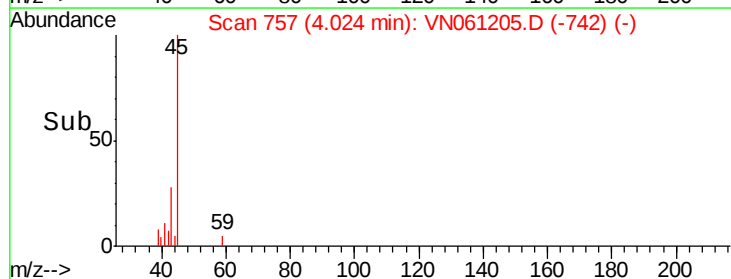
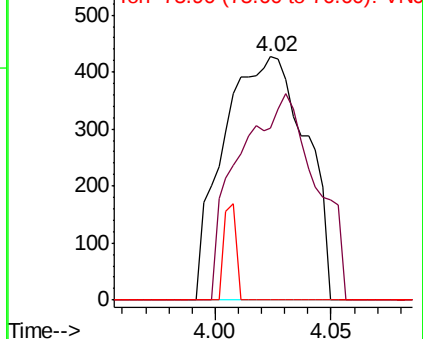
41 100

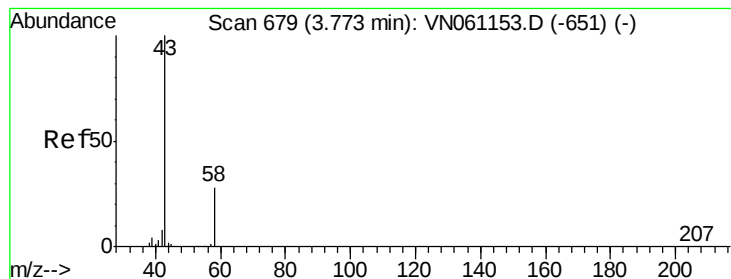
39 79.7 57.1 85.7

76 0.0 24.3 36.5#



Abundance Ion 41.00 (40.70 to 41.70): VN061205.D (-742) (-)





#16

Acetone

Concen: 1.025 ug/l

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

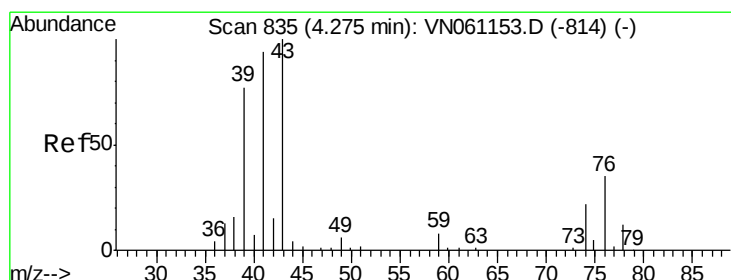
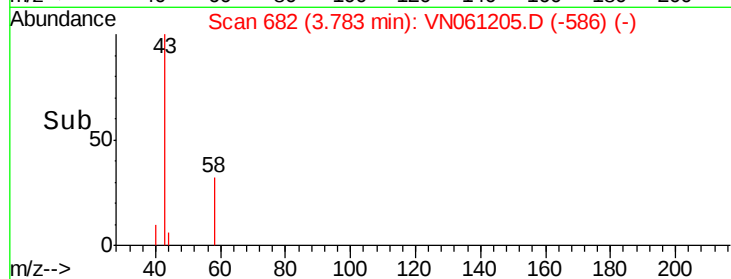
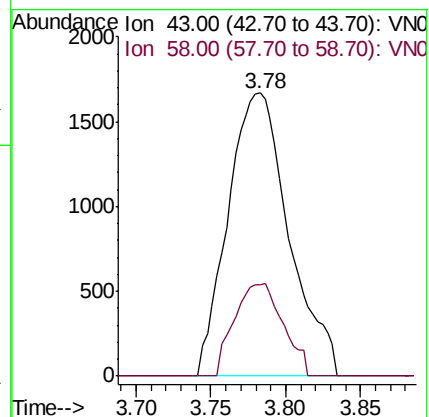
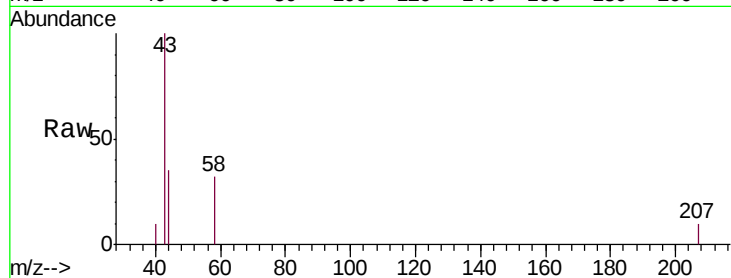
S73-0243

Tgt Ion: 43 Resp: 4722

Ion Ratio Lower Upper

43 100

58 32.4 22.2 33.2



#18

Methyl Acetate

Concen: 2.114 ug/l

RT: 4.02 min Scan# 757

Delta R.T. -0.25 min

Lab File: VN061205.D

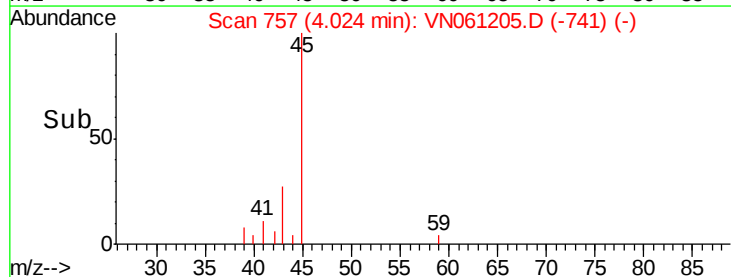
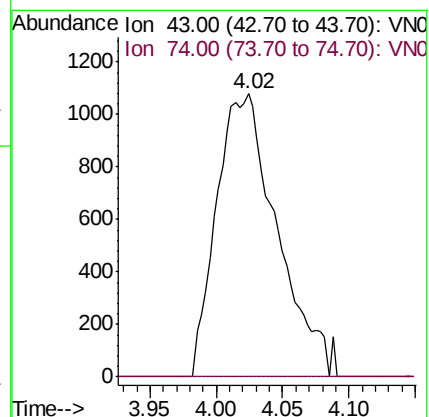
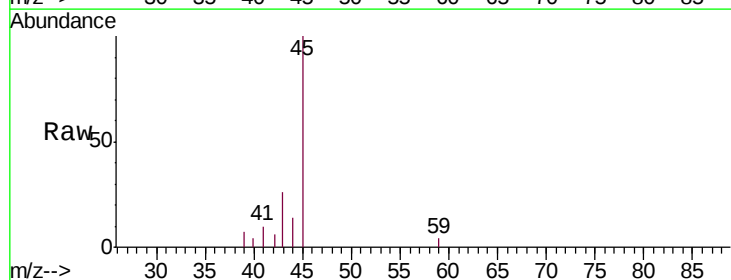
Acq: 30 Apr 2020 16:42

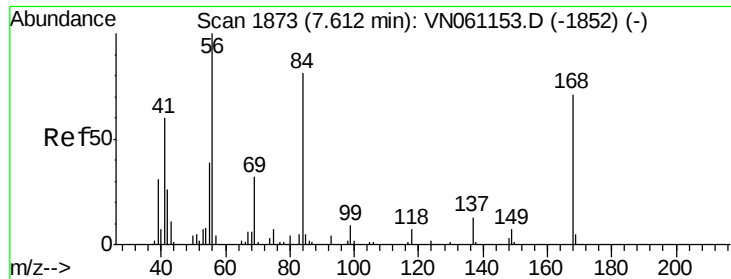
Tgt Ion: 43 Resp: 3434

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

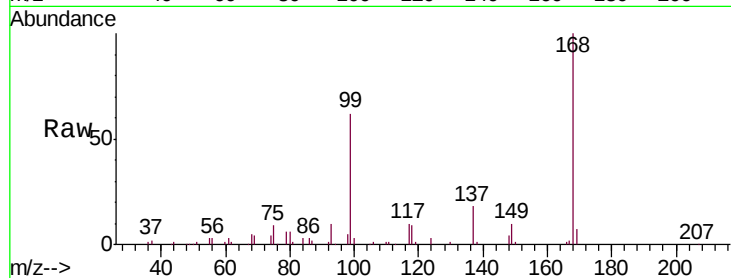




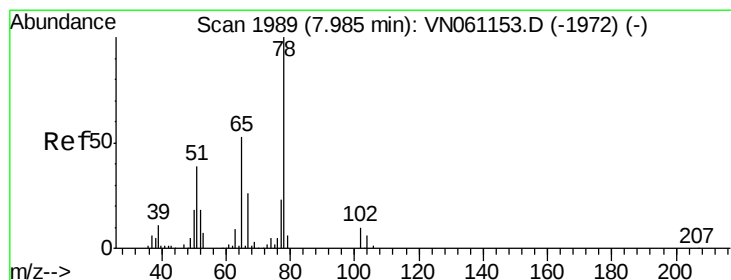
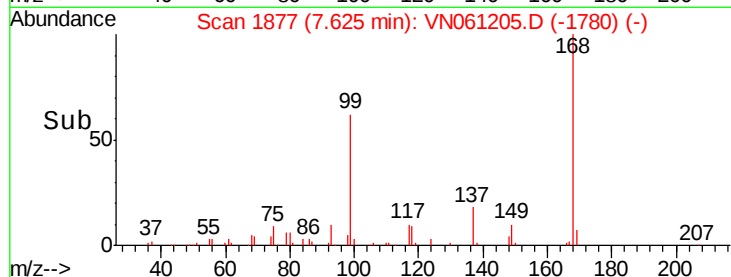
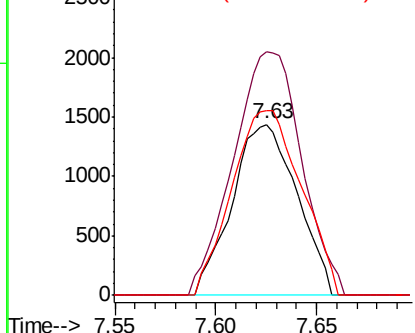
#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061205.D
Acq: 30 Apr 2020 16:42

Instrument :
MSVOA_N
ClientSampled :
S73-0243

Tgt Ion: 56 Resp: 3227
Ion Ratio Lower Upper
56 100
69 142.1 25.7 38.5#
84 107.9 64.6 97.0#

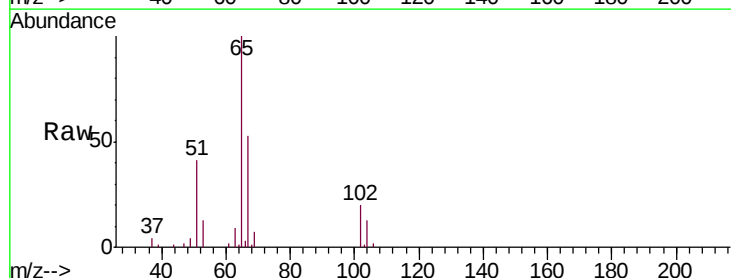


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

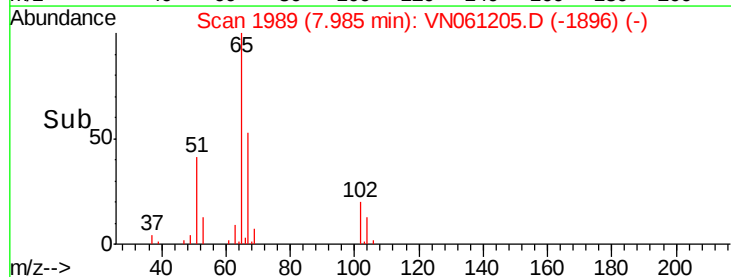
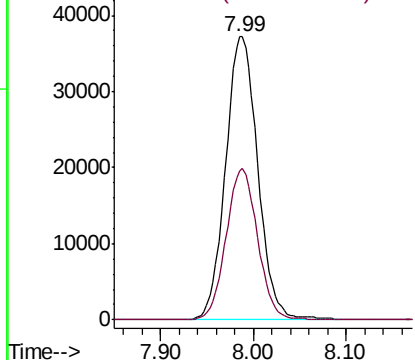


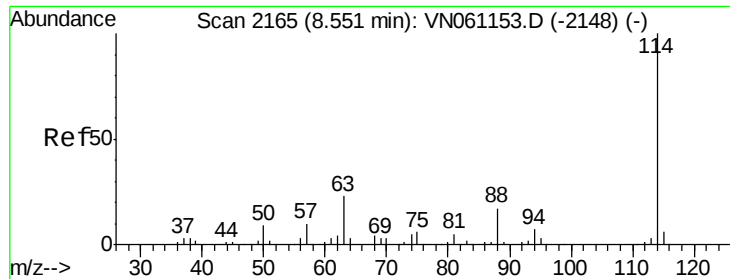
#33
1,2-Dichloroethane-d4
Concen: 47.919 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061205.D
Acq: 30 Apr 2020 16:42

Tgt Ion: 65 Resp: 89643
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

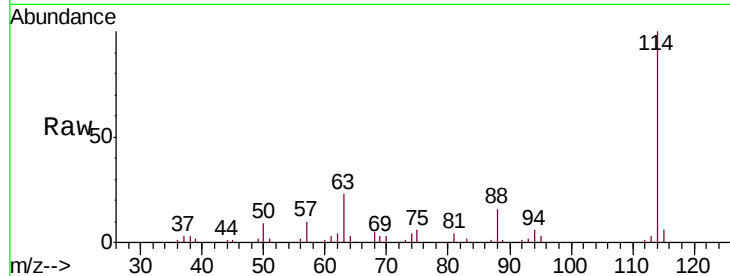




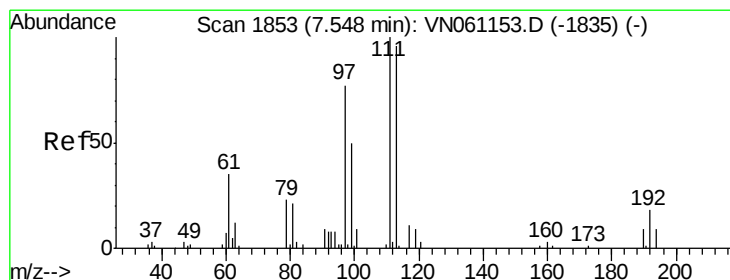
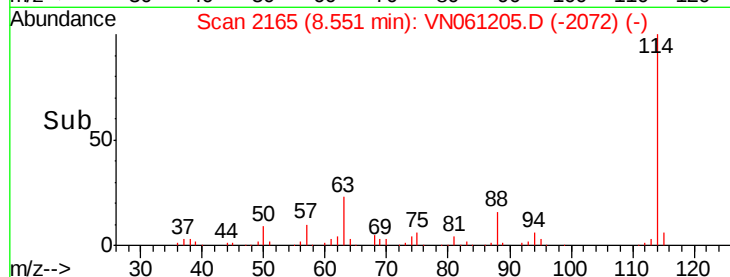
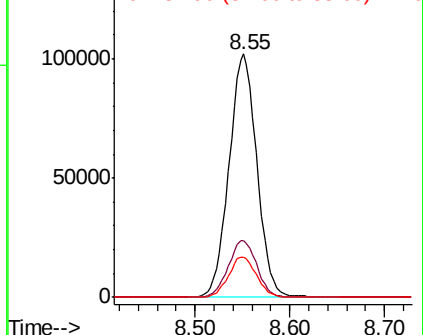
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061205.D
 Acq: 30 Apr 2020 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0243

Tgt Ion:114 Resp: 208482
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.6
 88 16.5 0.0 33.4

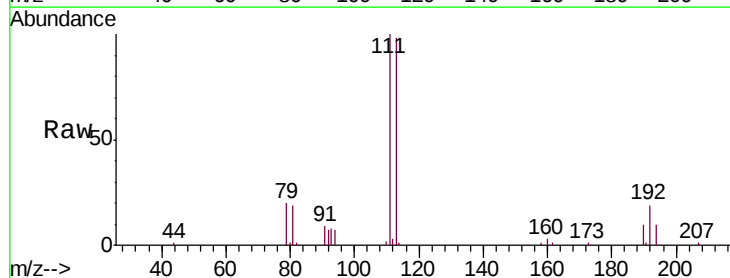


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

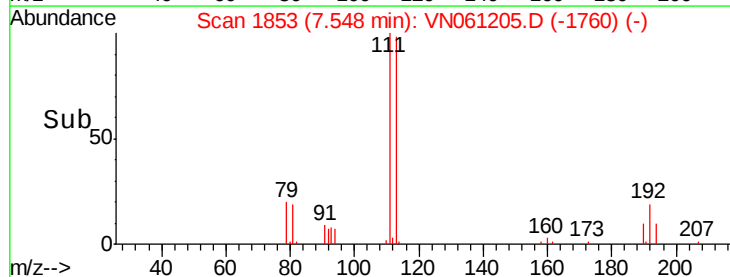
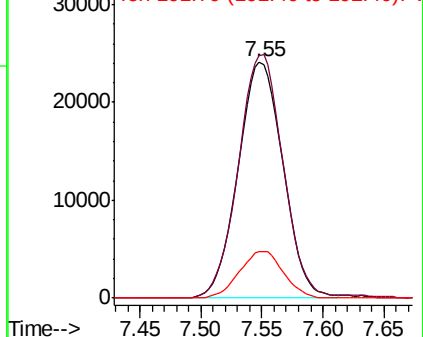


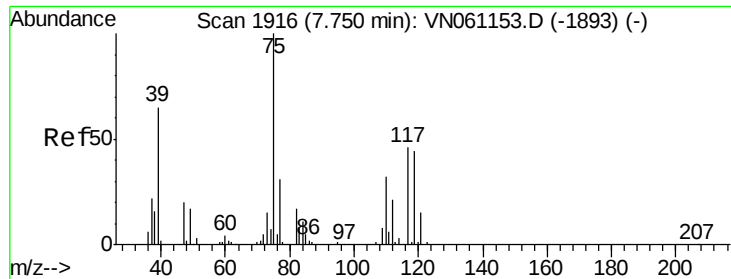
#35
 Dibromofluoromethane
 Concen: 50.049 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061205.D
 Acq: 30 Apr 2020 16:42

Tgt Ion:113 Resp: 61701
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 19.2 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

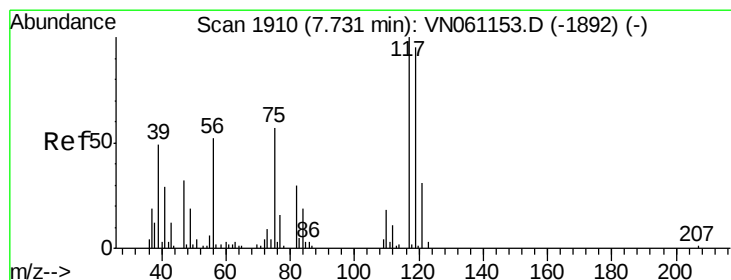
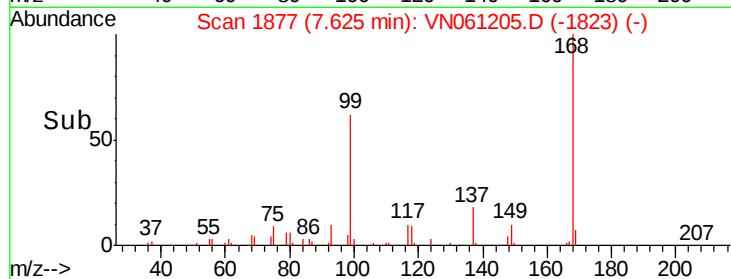
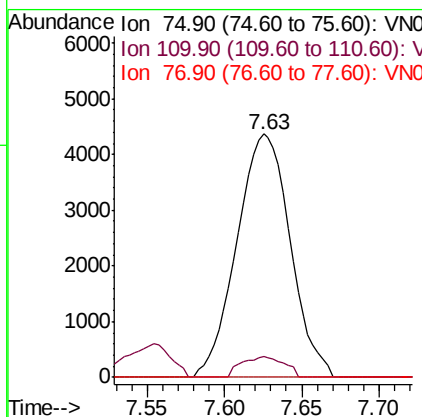
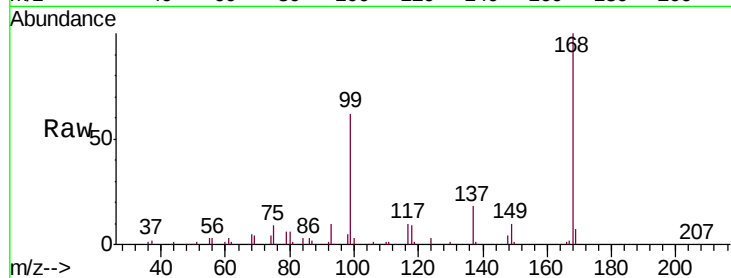




#36
 1,1-Dichloropropene
 Concen: 5.025 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061205.D
 Acq: 30 Apr 2020 16:42

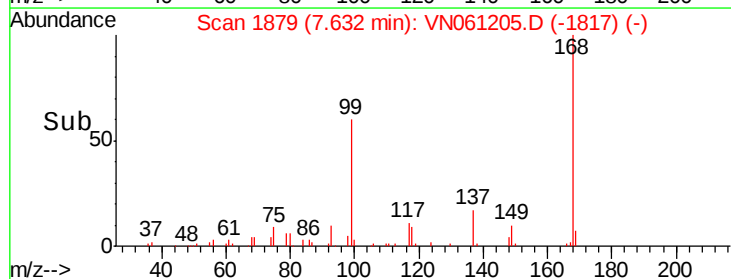
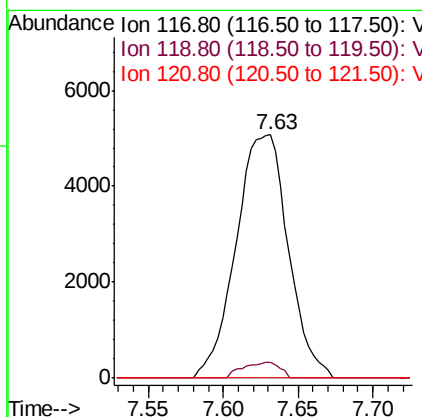
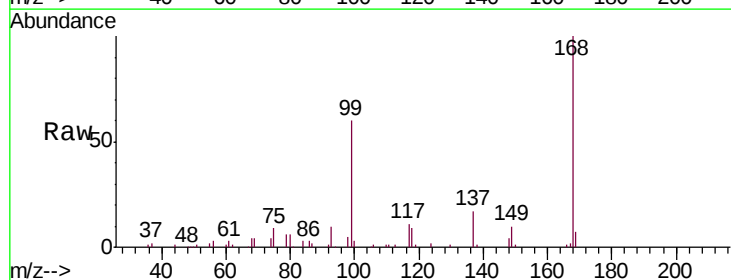
Instrument :
 MSVOA_N
 ClientSampled :
 S73-0243

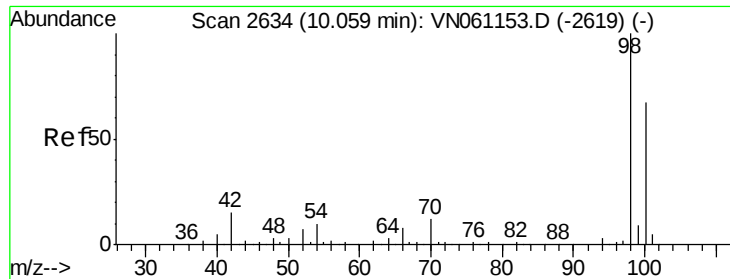
Tgt Ion: 75 Resp: 10488
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.457 ug/l
 RT: 7.63 min Scan# 1879
 Delta R.T. -0.10 min
 Lab File: VN061205.D
 Acq: 30 Apr 2020 16:42

Tgt Ion: 117 Resp: 12312
 Ion Ratio Lower Upper
 117 100
 119 6.4 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 51.628 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

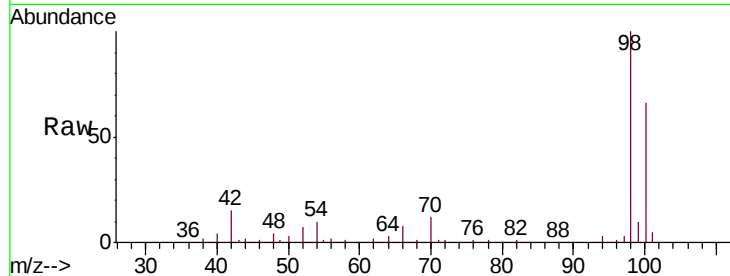
S73-0243

Tgt Ion: 98 Resp: 259459

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

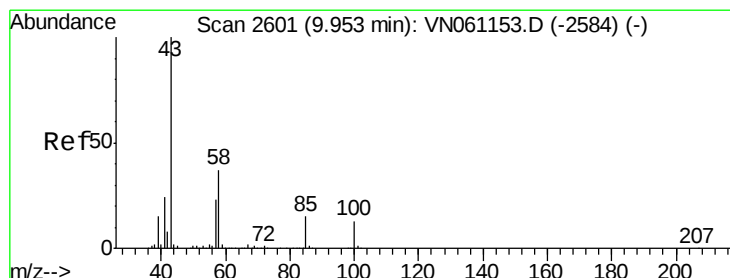
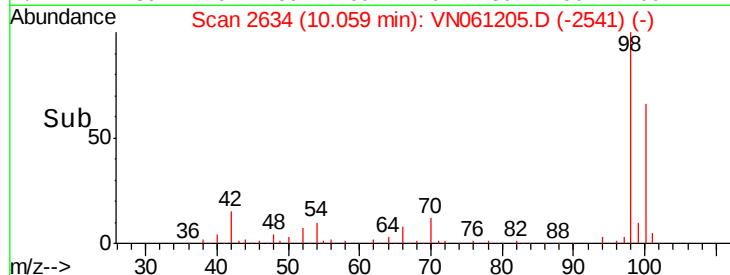
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.592 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061205.D

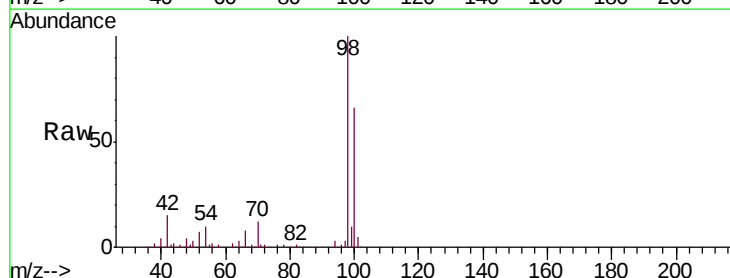
Acq: 30 Apr 2020 16:42

Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

58 172.4 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

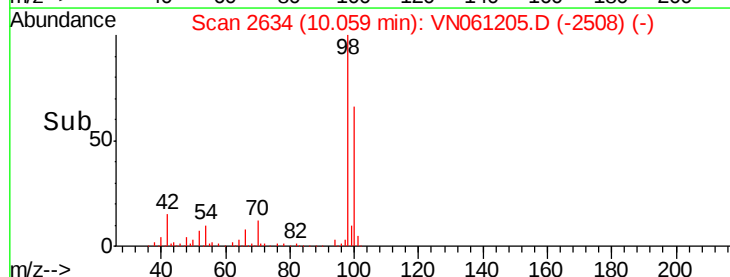
1500

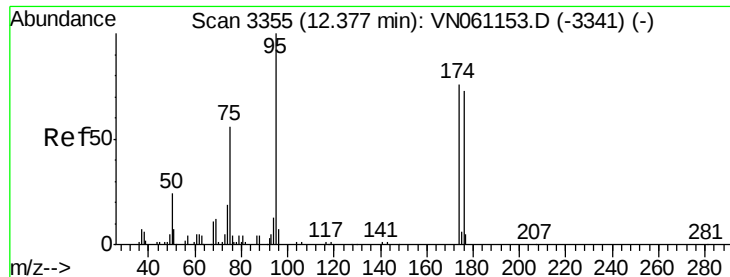
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.124 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

S73-0243

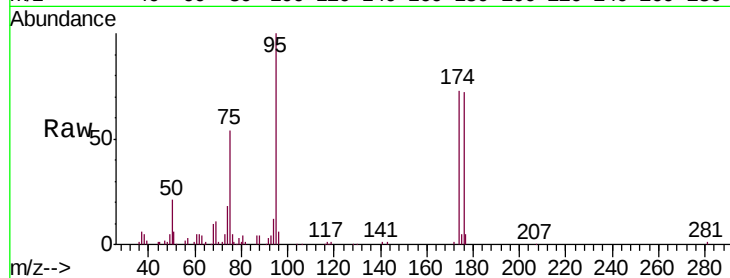
Tgt Ion: 95 Resp: 96686

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

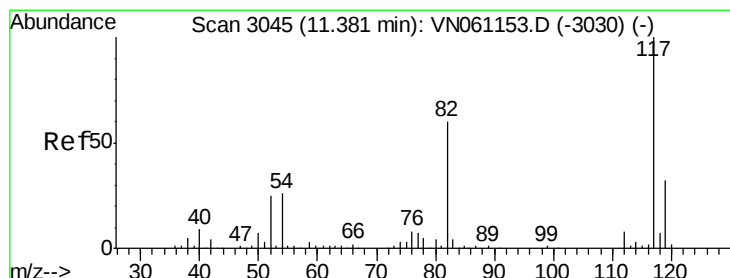
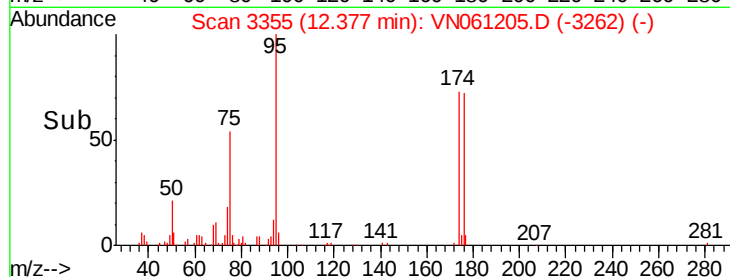
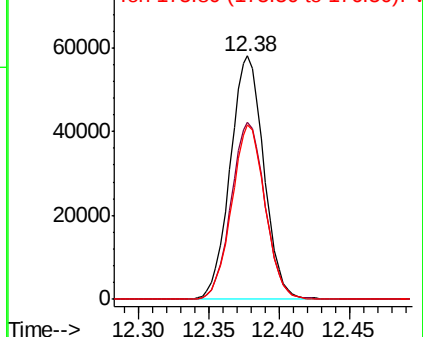
176 71.3 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061205.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061205.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061205.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

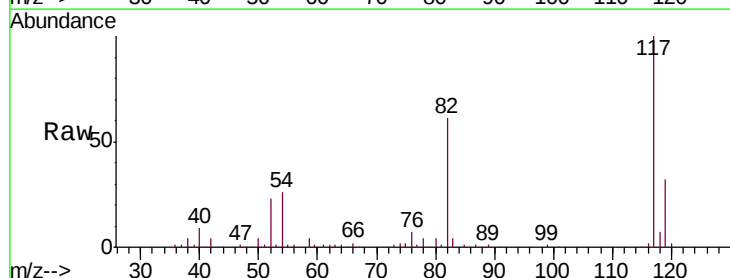
Tgt Ion: 117 Resp: 198762

Ion Ratio Lower Upper

117 100

82 61.3 47.8 71.8

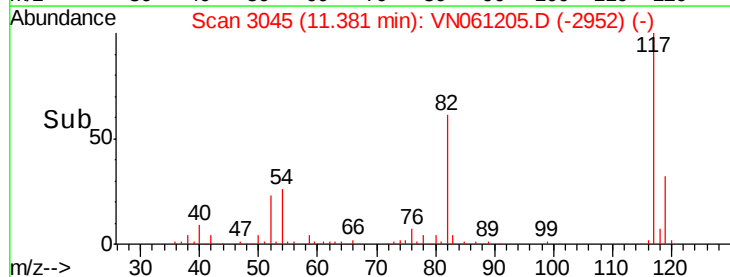
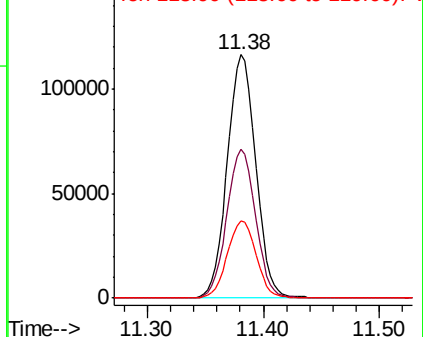
119 31.7 25.8 38.6

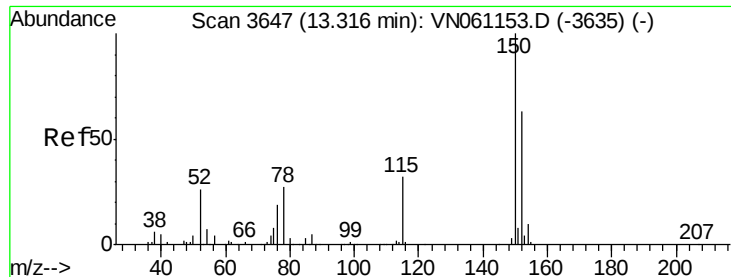


Abundance Ion 116.90 (116.60 to 117.60): VN061205.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061205.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061205.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

S73-0243

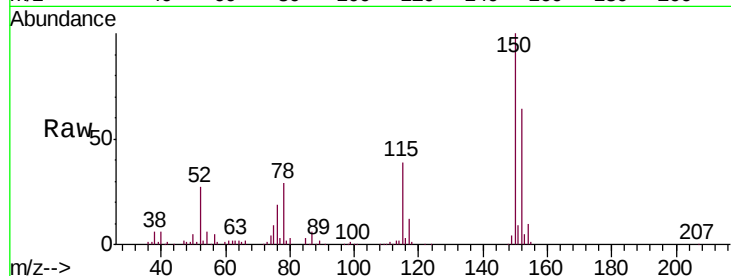
Tgt Ion:152 Resp: 88116

Ion Ratio Lower Upper

152 100

115 61.9 31.0 93.0

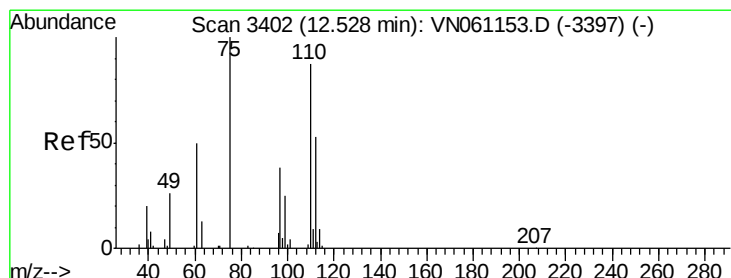
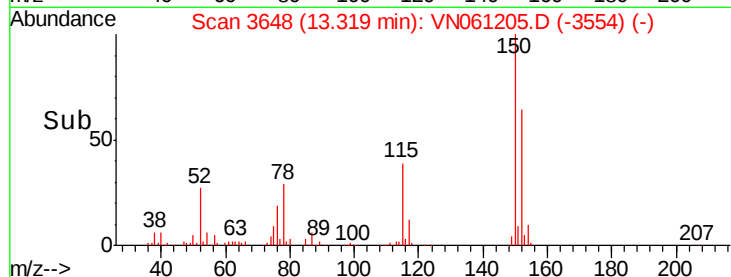
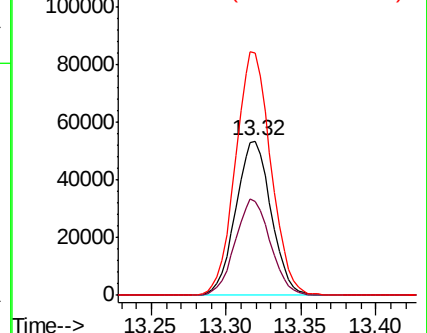
150 157.9 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.941 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061205.D

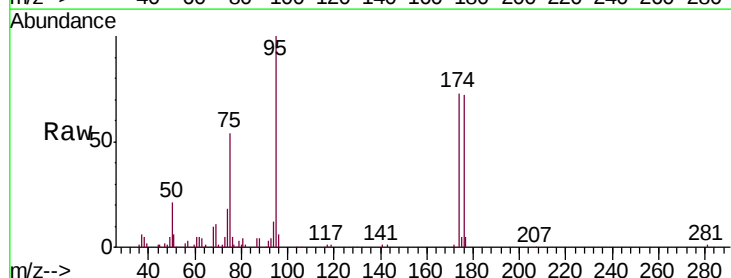
Acq: 30 Apr 2020 16:42

Tgt Ion: 75 Resp: 51906

Ion Ratio Lower Upper

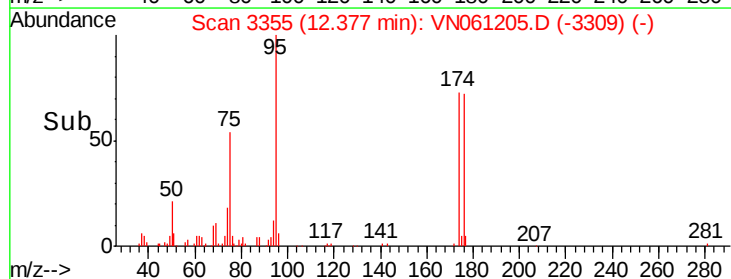
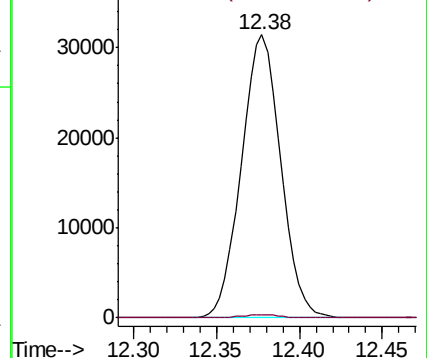
75 100

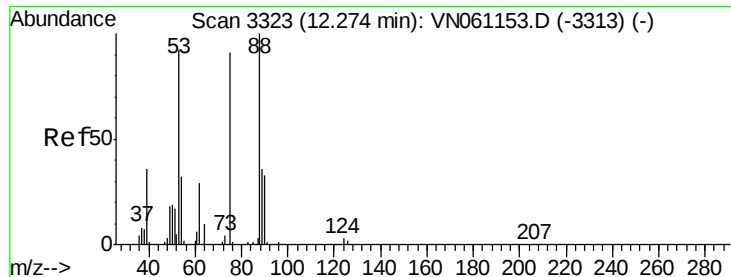
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.955 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061205.D

Acq: 30 Apr 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

S73-0243

Tgt Ion: 75 Resp: 51906

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

